

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for generating display information, the method comprising the following steps performed by one or more digital processors:

determining three-dimensional positions in space of multiple disconnected display screens; and

generating display information for the display screens by using the determined three-dimensional positions so that different portions of a single scene are displayed upon multiple disconnected display screens at the same time to provide a coherent view of the scene from at least one viewpoint.

2. (Previously Presented) The method of claim 1, wherein a user input device is coupled to a first digital processor, the method further comprising:

using the first digital processor to receive signals from the user input device to obtain information to, at least in part, describe a three-dimensional position of a display screen.

3. (Previously Presented) The method of claim 2, wherein the user input device includes a position sensor.

4. (Previously Presented) The method of claim 2, wherein the user input device includes a numeric input, the method further comprising

accepting signals from the user input device to allow a human user to specify a display screen's position information.

5. (Previously Presented) A method for using multiple display screens in a presentation, the method comprising

first sensing three-dimensional positions of a plurality of disconnected display screens at a first time;

providing the first sensed three-dimensional positions to a digital processor for rendering views for the plurality of display screens in accordance with the first sensed three-dimensional positions;

sensing three-dimensional positions of the plurality of disconnected display screens at a second time; and

providing the second sensed three-dimensional positions to a digital processor for rendering views for the plurality of disconnected display screens in accordance with the second sensed three-dimensional positions.

6. (Previously Presented) The method of claim 5, further comprising determining a three-dimensional position of a display screen by accepting input from a human user.

7. (Previously Presented) The method of claim 5, further comprising automatically sensing the three-dimensional position of a display screen.

8. (Previously Presented) A method for using multiple disconnected display screens in a computer-generated presentation, the method comprising indicating to a human user preferred three-dimensional positions for two or more display screens; and rendering views for the two or more display screens in accordance with the preferred three-dimensional positions.

9 – 17. (Withdrawn)

18. (Previously Presented) The method of claim 8, further comprising accepting signals from a user input device to modify a preferred three-dimensional position of at least one of the two or more display screens.

19 - 20. (Withdrawn)

21. (Previously Presented) The method of claim 1, further comprising sensing a three-dimensional orientation of a display screen; and wherein generating display information includes using the sensed three-dimensional orientation to display at least a portion of the single scene to provide a coherent view.

22. (Previously Presented) The method of claim 21, wherein the sensing a three-dimensional orientation of a display screen includes detecting three points of a particular display screen; and using the detected three points to determine a three-dimensional orientation of the particular display screen.

23. (Previously Presented) The method of claim 22, wherein a sensor is used to convey information about the three points.

24. (Previously Presented) The method of claim 23, wherein the sensor includes an infrared emitter.

25. (Previously Presented) The method of claim 23, wherein the sensor includes an acoustic emitter.

26. (Previously Presented) The method of claim 23, wherein the sensor includes a radio-frequency emitter.

27. (Previously Presented) The method of claim 23, wherein a sensor includes a global positioning system.

28. (Previously Presented) The method of claim 1, further comprising using a presentation program to receive user input to determine a display screen characteristic.